

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("6541909" "20020197554" "6951694").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 13:35
S1	29131	(313/498-512 315/169.1,169.3 428/690- 691,917 438/26-29,34,82 257/40,72,98-100,642- 643,759 427/66,532- 535,539).cds.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/18 16:23
S2	4350220	@ad< "20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/18 16:25
S3	1091	(electroluminescen\$2) and (hole near1 block\$3) and (electron near1 block\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/18 16:27
S4	269	S1 and S2 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/18 16:28
S5	42	(electroluminescen\$2) and (hole near1 block\$3) and (electron near1 block\$3)	EPO; JPO; DERWENT	OR	ON	2008/03/18 16:28
S6	22	S5 and @ad< "20030723"	EPO; JPO; DERWENT	OR	ON	2008/03/18 16:28
S7	22	S4 S6	EPO; JPO; DERWENT	OR	ON	2008/03/18 16:29
S8	269	S4 and (electron near1 block \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/18 16:33
S9	1211	S1 and (electron near1 block \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/18 16:36
S10	790	S1 and ("electron blocking")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/18 16:36
S11	250	S10 and S2	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/18 16:37
S12	180	S11 and ("hole blocking")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/18 16:38
S13	180	S12 and S1	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/18 16:38
S14	29131	(313/498-512 315/169.1,169.3 428/690- 691,917 438/26-29,34,82 257/40,72,98-100,642- 643,759 427/66,532- 535,539).cds.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S15	4350220	@ad< "20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S16	790	S14 and ("electron blocking")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S17	250	S16 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20

S18	180	S17 and ("hole blocking")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S19	30	S18 and (((phosphor\$6 fluorescent) near20 ("blocking"))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S20	180	S18 and (("hole blocking") near1 contain\$3 consist\$3 made include\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:42
S21	5	S18 and (("hole blocking") near1 (contain\$3 consist\$3 made include\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:44
S22	23	S16 and (("electron blocking") near1 (contain\$3 consist\$3 made include\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:51
S23	6	S22 and @ad< "20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:53
S24	3	("6750608" "5294869" "20020134984").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 07:15
S25	2	("20020134984" "5294869").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 07:23
S26	34	S16 and (("hole blocking") near2 compris\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 07:43
S27	0	S16 and (("hole blocking") near2 iridium)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 08:04
S28	0	S16 and (("hole blocking") near5 iridium)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 08:04
S29	10	S16 and (("hole blocking") near10 iridium)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 08:04
S30	2	("20020134984" "5294869").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 08:15
S31	1	"20040115476"	US-PGPUB	OR	ON	2008/03/19 08:16
S32	29	S16 and Firpic	US-PGPUB	OR	ON	2008/03/19 08:36
S33	1	"20030059647"	US-PGPUB	OR	ON	2008/03/19 09:11
S34	2	S16 and (dop\$3 near10 weight near20 ("hole blocking") near20 (emiss\$4 emitt!\$3 EL))	US-PGPUB	OR	ON	2008/03/19 09:54
S35	8	S16 and (("hole blocking") near10 plural\$3)	US-PGPUB	OR	ON	2008/03/19 10:21
S36	1	"20040048101"	US-PGPUB	OR	ON	2008/03/19 10:50
S37	1	"20030059647"	US-PGPUB	OR	ON	2008/03/19 10:57
S38	0	S15 and (("electron blocking") near5 (phosphor \$6 fluorescent))	US-PGPUB	OR	ON	2008/03/19 11:07

S39	3	S15 and (("electron blocking") near10 (phosphor\$6 fluorescent))	US-PGPUB	OR	ON	2008/03/19 11:07
S40	36	S15 and (("electron blocking") near10 (compris\$3 made consist\$3 includ\$3))	US-PGPUB	OR	ON	2008/03/19 11:09
S41	32	S15 and (("electron blocking") near5 (compris\$3 made consist\$3 includ\$3))	US-PGPUB	OR	ON	2008/03/19 11:09
S42	22	S15 and (("electron blocking") near2(compris\$3 made consist\$3 includ\$3))	US-PGPUB	OR	ON	2008/03/19 11:09
S43	31	("electron blocking") near10 (phosphor\$6 fluorescent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/19 11:21
S44	1098	(electroluminescen\$2) and (hole near1 block\$3) and (electron near1 block\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 11:17
S45	52	S44 and ("Firpic")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 11:17
S46	41	S45 and (Firpic near10 (emiss\$3 emitt\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 11:18
S47	17	S46 and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 11:19
S48	700	S44 and (electron near1 blocking)	US-PGPUB	OR	ON	2008/03/25 12:03
S49	26	S48 and ((electron near1 blocking) near20 (phosphor\$6))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:04
S50	4	S49 and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:08
S51	993	S44 and (electron near1 blocking)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:12
S52	8	S51 and (((electron near1 blocking) near5 (Firpic Ir (ppy))))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:12
S53	0	S52 and ("Ir(ppy)")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:13
S54	48	S51 and Irppy	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:14
S55	0	S54 and (((electron near1 blocking) near10 Irppy)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:15
S56	0	S54 and ((electron near1 blocking) near20 Irppy)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:15
S57	13	S54 and ("white light")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:25

S68	9	S44 and ("hole blocking layer") near10 plurality	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:29
S69	4493	(428/690,917).cds.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:50
S60	782	S59 and ((electron charge exciton) near1 block\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:50
S61	81	S59 and ((electron near1 block\$3) near5 (consist\$4 compris\$3 made includ\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:52
S62	22	S61 and @ad< "20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 12:52
S63	0	S60 and ((electron near1 block\$3) near5 plurality)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 13:16
S64	0	S60 and ((electron near1 block\$3) near10 plurality)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 13:17
S65	5	S60 and ((electron near1 block\$3) near10 (multiple many several plurality))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 13:17
S66	1503	((electron charge exciton hole) near1 block\$3) near20 (light near1 emi\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 13:26
S67	454	S66 and @ad< "20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 13:27
S68	376	S67 and (fluorescent luminescent phosphorescen \$2)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 13:27
S69	0	S68 and ("amount of light emitted")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 13:32
S70	25	S68 and (light adj emitted) near10 (amount range)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 13:34
S71	0	((hole electron charge exciton) near1 block\$3) and (light adj emitted) near10 (amount percent\$3 range)	EPO; JPO; DERWENT	OR	ON	2008/03/25 13:40
S72	1	((hole electron charge exciton) near1 block\$3) and ((light adj emitted) near20 (amount percent\$3 range))	EPO; JPO; DERWENT	OR	ON	2008/03/25 13:41
S73	245	S48 and ("liquid crystal")	US-PGPUB	OR	ON	2008/03/25 14:53
S74	411	S60 and ("blocking layer")	US-PGPUB	OR	ON	2008/03/25 14:55
S75	563	S60 and ("blocking layer")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 14:55
S76	145	S75 and ("liquid crystal")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 14:55
S77	63	S76 and @ad< "20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:08
S78	1	S75 and (multiple near1 hole)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:34

S79	172	("hole blocking") near10 (multiple plural\$3 several many numerous)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:37
S80	57	S79 and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:37
S81	19496	(hole near1 block\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:36
S82	3013	S81 and ((OLED OLED electroluminescen\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:36
S83	982	S82 and @ad<"20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:36
S84	54	S83 and ((hole near1 block \$3) near3 (first second one two))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:39
S85	0	S83 and (second near1 ("hole blocking"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:43
S86	18	(second near1 ("hole blocking"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:44
S87	11	(second near1 ("exciton blocking"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:48
S88	7	("hole blocking layer 2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 10:15
S89	1	"7022421".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:22

S90	7065	(Ga(pma)*.sub.3") near40 (phosphor scintillat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:33
S91	5955	(Ga(pma)*.sub.3") near40 (phosphor)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:34
S92	2803	(Ga(pma)*.sub.3") near5 (phosphor)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:34
S93	0	("Ga(pma)") near5 phosphor	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:35
S94	0	("Ga(pma)") near40 phosphor	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:35
S95	0	("Ga(pma)") near40 phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:36
S96	0	("Ga\$pm") near40 phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:36
S97	0	Ga near3 *.sub.3" near40 phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:37
S98	67	("electron blocking") near20 (phosphor luminescent fluorescent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:59
S99	7	("electron blocking") near10 (PVK)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:12
S100	29	(PVK) near10 (("emissive layer") ("emission layer"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:31
S101	12	S100 and @ad< "20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:35

S102	10	("hole blocking") near10 (PVK Ir\$1ppy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 13:09
S103	2308308	(amount light hole blocking layer range ("0.1 to 50%") emitting).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:03
S104	0	(amount light hole blocking layer range ("0.1 to 50%") emitting).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 14:03
S105	0	(amount light electron blocking layer range ("0.1 to 50%") emitting).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 14:04
S106	17	"20030059647" "6580213" "20040043251"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 14:45
S107	3	("20030059647" "6580213" "20040043251").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 14:47
S108	1	S102 and liu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:48
S109	0	S101 and liu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:48
S110	0	S100 and liu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:49
S111	18	(second near1 ("hole blocking"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:50

S112	1	S111 and liu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:50
S113	1	S102 and liu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:51
S114	430	Jie and liu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:53
S115	162	S114 and @ad< "20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:53
S116	0	S115 and ("hole blocking")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:54
S117	0	S115 and PVK	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:54
S118	20	S114 and PVK	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:54
S119	10	("hole blocking") near10 (PVK l r \$1ppy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:01
S120	4	S119 and @ad< "20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:01

S121	4	((PVK near20 ("hole blocking")) and @ad< "20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:03
S122	12	((PVK Ir\$1ppy Firpic) near20 ("hole blocking")) and @ad< "20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:35
S123	41	(Firpic) near20 (("emission layer") ("emitting layer"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:41
S124	3	S123 and @ad< "20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:41
S125	2	"20020182441".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 16:17
S126	1	"20020182441".pn.	US-PGPUB	OR	ON	2008/03/26 16:17
S127	176	("hole blocking") near2 (("2") second)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/01 07:54
S128	24	("hole blocking") near2 (("2") second)	EPO; JPO; DERWENT	OR	ON	2008/04/01 07:54
S129	294	(hole near1 block\$3 near2 second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 07:57
S130	181	S129 and @ad< "20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 07:57
S131	1	(organic electroluminescent anode cathode light emitting layer phosphorescent hole blocking adjacent range "0.1" 50% electron amount). dm.	US-PGPUB; USPAT; USOCR	AND	ON	2008/04/08 16:21

SI32	1	(organic electroluminescent anode cathode light emitting layer phosphorescent hole blocking adjacent range "0.1" 50% electron amount). dm.	US-PGPUB; USPAT; USOCR	AND	ON	2008/04/08 16:21
SI33	1	"6541909".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:40
SI34	3126	("hole blocking layers")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 11:26
SI35	452	SI34 and (electroluminescent OLED CELD) and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 11:27
SI36	448	SI34 and (electroluminescent OLED CELD) and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 11:28
SI37	35	SI35 and (second with ("hole blocking"))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 11:29
SI38	1	"6951694".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 06:57
SI39	1	"6541909".pn.	USPAT	OR	ON	2008/04/15 07:03

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